Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Enthalpy Review**

**Notation with ΔH**

|  |  |
| --- | --- |
| Method 1: | Method 2: |
| 1. ½ N2(g) + ½ 02(g) ---> NO(g) ΔH = 90.3 kJ | 1. CO(g) + H2(g) + O2(g) ---> CO2(g) + H2O(g) + 522 kJ |
| Type of reaction: 🞎 endo 🞎 exo | Type of reaction: 🞎 endo 🞎 exo |
| Rewrite equation A above using **method 2** | Rewrite equation B above using **method 1** |
| Draw an enthalpy diagram for reaction A | Draw an enthalpy diagram for reaction B |

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